

Title (en)

COMBINED AUTOMOTIVE BUMPER SKIN/ UNDER-ENGINE FAIRING

Title (de)

KOMBINATION VON STOSSFÄNGERHAUT UND VERKLEIDUNGSTEIL FÜR DIE UNTERSEITE EINES MOTORS FÜR EIN FAHRZEUG

Title (fr)

COMBINAISON D'UNE PEAU DE PARE-CHOC ET D'UN CARENAGE SOUS MOTEUR POUR VEHICULE

Publication

**EP 1082247 B1 20040908 (FR)**

Application

**EP 00915221 A 20000327**

Priority

- FR 0000761 W 20000327
- FR 9903874 A 19990329

Abstract (en)

[origin: WO0058144A1] The inventive combination comprises a front bumper skin (34) pertaining to a motor vehicle and an inner closing part (12) pertaining to an engine compartment, mounted to the rear of said skin in relation to the principal direction in which the vehicle travels. The closing part (12) comprises a front transversal profiled section (18).

IPC 1-7

**B62D 21/11**; **B62D 21/15**; **B62D 35/02**

IPC 8 full level

**B60R 19/12** (2006.01); **B60R 21/34** (2011.01); **B62D 21/15** (2006.01); **B62D 35/02** (2006.01); **B60R 19/18** (2006.01); **B60R 19/24** (2006.01)

CPC (source: EP US)

**B60R 19/12** (2013.01 - EP US); **B60R 21/34** (2013.01 - EP US); **B62D 21/152** (2013.01 - EP US); **B62D 35/02** (2013.01 - EP US); **B60R 19/24** (2013.01 - EP US); **B60R 2019/1806** (2013.01 - EP US); **B60R 2019/1873** (2013.01 - EP US); **B60R 2019/1886** (2013.01 - EP US); **Y02T 10/82** (2013.01 - EP US); **Y02T 10/88** (2013.01 - EP US)

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**FR 2791628 A1 20001006**; **FR 2791628 B1 20010622**; DE 60013519 D1 20041014; DE 60013519 T2 20050203; EP 1082247 A1 20010314; EP 1082247 B1 20040908; US 6435577 B1 20020820; WO 0058144 A1 20001005

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